

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	30	429/12-46.ccls. and (oxidant air oxidizing) same (hydrogen and sulfide "h.sub.2s") same (combust\$3 burn \$3) same (sulfur adj (oxide monoxide dioxide trioxide) sox so "so.sub.2" "so.sub.3") same (catalyst catalytic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 10:06
S2	1	10/561778	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 10:16
S3	172	429/12-46.ccls. and (oxidant air oxidizing oxygen ) with (desulfuriz\$3 (remov\$3 decontaminat\$3 filter \$3 clear\$3 scrub\$3 purify\$3) near4 (sulfur hydrogen adj sulfide "h.sub.2s"))	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 10:39
S4	170	S3 not S1	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 10:40
S5	4	10/458706	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 12:43
S6	21	("20020114747"   "20020160240"   "20030008187"   "20030031616"   "20040023096"   "20040035055"   "5213912"   "5308456"   "6048383"   "6207308"   "6221280"   "6299994"   "6428916"   "6605378"   "6610265"   "6645650"   "6787256"   "6890673").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 12:52

		("6979505").URPN.				
S7	3	429/12-46.ccls. and (sulfur hydrogen adj sulfide "h.sub.2s") with (combust\$3 burn\$3) with (catalyst catalytic) same (sulfur adj (oxide monoxide dioxide trioxide) sox so "so. sub.2" "so.sub.3") with (absorb\$3 adsorb\$3 remov\$3 decontaminat \$3 filter\$3 clean\$3 scrub\$3 purify\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:35
S8	2	429/12-46.ccls. and (oxidant air oxidizing oxygen ) with (desulfuriz\$3 (remov\$3 decontaminat\$3 filter \$3 clean\$3 scrub\$3 purify\$3) near4 (sulfur hydrogen adj sulfide "h.sub.2s")) not S3	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:35
S9	0	429/12-46.ccls. and (oxidant air oxidizing) same (hydrogen and sulfide "h.sub.2s") same (combust\$3 burn \$3) same (sulfur adj (oxide monoxide dioxide trioxide) sox so "so.sub.2" "so.sub.3") same (catalyst catalytic) not S1	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:38
S10	16	429/12-46.ccls. and (sulfur hydrogen adj sulfide "h.sub.2s") with (oxidiz\$3 oxidation) with (sulfur adj (oxide monoxide dioxide trioxide) sox so "so. sub.2" "so.sub.3") with (absorb\$3 adsorb\$3 remov\$3 decontaminat \$3 filter\$3 clean\$3 scrub\$3 purify\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:39
S11	7	S10 not (S1 S2 S3 S5 S6 S7 S8)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:41

S12	6230	(oxidant air oxidizing oxygen ) with (desulfuriz\$3 (remov\$3 decontaminat\$3 filter \$3 clean\$3 scrub\$3 purify\$3) with (hydrogen adj sulfide "h.sub.2s"))	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:45
S13	453	S12 and ("429".clas. "204".clas. "205".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:46
S14	155	S13 and (polymer adj electrolyte proton adj exchange pem)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:46
S15	63	S14 not (S1 S2 S3 S5 S6 S7 S8 S11)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:46
S16	166	S12 and (hydrogen adj sulfide "h.sub.2s") with (oxidiz\$3 react\$3) with (combust\$3 burn\$3) with (catalyst catalytic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:50
S17	133	(air) with (remov\$3 decontaminat\$3 filter \$3 clean\$3 scrub\$3 purify\$3) with (hydrogen adj sulfide "h.sub.2s") with (impurity pollutant poison\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:02
S18	2659	(remov\$3 decontaminat \$3 clean\$3 scrub\$3 purify\$3) same (hydrogen adj sulfide "h.sub.2s") with (cobmust\$3 oxidiz\$3 oxidization react\$3) with (sulfur adj (oxide monoxide dioxide trioxide) sox so "so. sub.2" "so.sub.3")	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:09
S19	151	S18 and fuel adj (cell battery)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:10
S20	133	S19 not (S1 S2 S3 S5 S6 S7 S8 S11 S15 S16 S17)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:14

S21	123	fuel adj (cell battery) and (air oxygen oxidant oxidizing "o. sub.2") with (pollutant impurity) with (hydrogen adj sulfide "h.sub.2s")	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:25
S22	0	S21 not (S1 S2 S3 S5 S6 S7 S8 S11 S15 S16 S17 S21)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:26
S23	79	fuel adj (cell battery) and (air oxygen oxidant oxidizing "o. sub.2") same (pollutant impurity) with (hydrogen adj sulfide "h.sub.2s") not (S1 S2 S3 S5 S6 S7 S8 S11 S15 S16 S17 S21)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 15:26
S24	1603	(combust\$3 burn\$3) with (air oxidant) with reform\$3 same (hydrocarbon hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:42
S26	780	S24 and (oxidant air oxygen ) with (desulfuriz\$3 (remov\$3 decontaminat\$3 filter \$3 clean\$3 scrub\$3 purify\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:44
S27	382	S26 and (hydrogen adj sulfide "h.sub.2s")	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:46
S28	106	S27 and (hydrogen adj sulfide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:48
S29	276	S27 not S28	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:53
S30	913	(air ambient atmosphere) with (contaminant pollutant impurity) with (hydrogen adj sulfide "hydrogen-sulfide" "h. sub.2s")	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:57
S31	373	S30 and ("429".clas. "204".clas. "205".clas. "423".clas. "422".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 08:58
S32	54	S30 and (catalyst catalytic) near4 (burn \$3 combust\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 09:12

S33	45	("20010049036"   "20020150805"   "20020157359"   "3847672"   "4080791"   "4595642"   "4737173"   "5013617"   "5156925"   "5189092"   "5221586"   "5331037"   "5366821"   "5372617"   "5458095"   "5493080"   "5626820"   "5641031"   "5646852"   "5662184"   "5792247"   "5794732"   "5837393"   "5944878"   "5981096"   "6007930"   "6013385"   "6057051"   "6074769"   "6124052"   "6152996"   "6171072"   "6190432"   "6284397"   "6296957"   "6309769"   "6316134"   "6361590"   "6420059"   "6432177"   "6436562").PN. OR ("6783881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 09:15
S34	8	("20020031453"   "20020110713"   "20020139564"   "20030143129"   "20040157095"   "5997619"   "6080059"   "6284399").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 09:31

S35	112	(contaminant pollutant impurity) with (oxidiz\$3) same (adsorb\$3 absorb\$3) and (hydrogen near2 generat\$3 reform\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/05 09:39
S36	1	DE-10065306\$	FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/05 09:48
S37	1	2002-548144.NRAN.	DERWENT	OR	ON	2010/02/05 09:48

### EAST Search History (I nterference)

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**2/ 9/ 2010 4:16:04 PM**

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